

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. All claims are as originally presented except claims 1 and 24 which are currently amended.

Listing of Claims:

Claim 1 (currently amended) Flashing earring jewelry comprising:

- A) an infrared emitter positioned to emit infrared light into tissue of a wearer,
- B) an infrared detector positioned to detect infrared light emanating from said tissue,
- C) a power source for said emitter and said detector,
- D) an electrical circuit for analyzing electrical signals from said detector to detect each beat of a wearer's heart,
- E) at least ~~three~~ two visible light emitters,
- F) a first trigger circuit for initiating electrical pulses to cause one of said visible light emitters to flash once for each heart beat,
- G) a pulse rate calculation means for calculating the wearer's pulse rate, and
- H) a second trigger circuit for initiating pulses to cause a second of said visible light emitters to flash once for each heart beat when said pulse rate exceeds a first predetermined rate, and
I) a third trigger circuit for initiating pulses to cause a third of said at least two visible light emitters to flash once for each heart beat when said pulse rate exceeds a second predetermined rate.

Claim 2. (cancelled)

Claim 3 (currently amended) Jewelry as in claim 2 wherein said at least ~~three~~ two visible light emitters are three visible light emitters emitting respectively red, green and blue light.

Claims 4-8 (cancelled)

Claim 9 (currently amended) Jewelry as in claim ~~1~~ 3 wherein said three visible light emitters are red, green, and blue emitters and said jewelry further comprises a means to determine heart rates of said wearer.

Claim 10 (originally presented) Jewelry as in claim 9 wherein said red emitter is programmed to flash with each heart beat, said green emitter is programmed to flash with each heart beat when the heart rate of the wearer is in excess of a first threshold in excess of the wearer's rest heart rate and said blue emitter is programmed to flash with each heart beat when the heart rate of said wearer is in excess of a second threshold in excess of said first threshold.

Claim11 (originally presented) Jewelry as in claim 10 wherein said first threshold is at least 115% of the wearer's resting heart rate and said second threshold is at least 130% of wearer's resting heart rate.

Claim12 (previously presented) Jewelry as in claim 1 wherein said electric circuit comprises an ASIC circuit.

Claim13 (originally presented) Jewelry as in claim 1 wherein said electric circuit comprises surface mounted circuit.

Claim14 (originally presented) Jewelry as in claim 3 and further comprising a transmitter for transmitting a signal to an audio device to initiate a sound when one of said thresholds are exceeded.

Claim15 (originally presented) Jewelry as in claim 14 wherein said sound is church bells.

Claim16 (currently amended) Jewelry as in claim 1 wherein said power source is a battery unit positioned on the inside of an earlobe and connected through an earlobe to a circuit board comprising said infrared emitter, said infrared detector and said at least ~~two~~ three visible light sources